

Application No. 09/681,304



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Washington, D.C. 20231 on 14 May 2002 (Date).

Typed or printed name: Anna M. Ascoli

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: R.J. Saia et al.

Application No. 09/681,304

Filed: 15 March 2001

: Group Art Unit: 2814

: Examiner: D. Nguyen

: Response to Paper No. 5

For **Microelectromechanical System
Device Package and Packaging Method**

AMENDMENT UNDER 37 CFR 1.111

Assistant Commissioner for Patents
Washington, DC 20231

In response to the Office Action dated 26 March, please amend the above-identified application as follows.

IN THE CLAIMS:

Please cancel claims 5, 9-15, 17-18, and 20-25.

Please rewrite claims 1, 7, and 16 as follows:

1 (amended). A method for packaging a microelectromechanical system (MEMS) device comprising:

using a partially-cured adhesive to attach a release sheet to a MEMS package flexible layer;
providing a cavity having a smooth surface perimeter and extending through the release sheet and at least partially through the MEMS package flexible layer;
removing the release sheet; and
attaching the MEMS device to the MEMS package flexible layer with a MEMS structure of the MEMS device being positioned within the cavity.

7 (amended). A method for packaging a microelectromechanical system (MEMS) device comprising:

using a partially-cured adhesive to attach a release sheet to a MEMS package flexible layer;
providing a cavity extending through the release sheet and partially through the MEMS package flexible layer;
providing a protective coating in the cavity;
then removing the release sheet; and
attaching the MEMS device to the MEMS package flexible layer with a MEMS structure of the MEMS device being positioned within the cavity.